Name:_____ Date:_____

A2CC: More Practice Solving Multivariable Linear Systems

Do Now

1. Solve the following system algebraically:

$$x - 2y + 3z = 9$$
$$-x + 3y = -4$$
$$2x - 5y + 5z = 17$$

More Practice

For 1-5, solve the system of linear equations.

1. $3x - 2y + 4z = 1$
   $x + y - 2z = 3$
   $2x - 3y + 6z = 8$

$4x + y - 3z = 11$

2. $2x - 3y + 2z = 9$

   $x + y + z = -3$

$x + y - 3z = -1$

3. $y - z = 0$

   $-x + 2y = 1$

$x + y + z = 5$

4. $-4x + 2y - 3z = -9$

$2x - 3y + 2z = 5$

$x + y - 5z = 3$

5. $x - 2z = 1$

$2x - y - z = 0$